

WHAT IS CLAIMED IS:

1. A method for cleaning a glass substrate for a magnetic recording medium comprising washing said glass substrate in anode water that is produced in an anode side by electrolysis of pure water having a resistivity of at least 10 MΩ-cm.

2. A method for cleaning a glass substrate according to claim 1, wherein said anode water includes an electrolyte selected from a group consisting of hydrochloric acid, sulfuric acid, nitric acid, phosphoric acid, malic acid, citric acid, and succinic acid in a concentration of greater than zero and not more than 100 mM.

3. A method for cleaning a glass substrate for a magnetic recording medium comprising:

washing said substrate in pure water having a resistivity of at least 10 MΩ-cm; and

said pure water containing a substance selected from oxygen and ozone in a concentration of from 0.1 ppm to 10,000 ppm.

4. A glass substrate for a magnetic recording medium that is cleaned by the method for cleaning defined by claim 1.

5. A glass substrate for a magnetic recording medium that is cleaned by the method for cleaning defined by claim 3.

6. A magnetic recording medium comprising:
a glass substrate according to claim 5;
at least a magnetic layer and a protective layer sequentially formed on said glass substrate; and

25 a liquid lubricant layer on said protective layer.

7. A magnetic recording medium comprising:
a glass substrate according to claim 4;
at least a magnetic layer and a protective layer sequentially formed on said
glass substrate; and

5 a liquid lubricant layer on said protective layer.

~~8.~~ A method for cleaning a glass substrate for a magnetic recording
medium comprising:

producing anode water at an anode side of an electrolysis apparatus using
water having a resistivity of at least 10 MΩ-cm;

10 adding an electrolyte to said water;

said electrolyte being selected from the group consisting of hydrochloric
acid, sulfuric acid, nitric acid, phosphoric acid, malic acid, citric acid, and succinic
acid in a concentration of not more than about 100 mM after said electrolysis; and

washing said glass substrate with said anode water.

~~9.~~ A method for cleaning a glass substrate for a magnetic recording
medium comprising:

producing an anode water at an anode side of an electrolysis apparatus;

said anode water having a resistivity of at least 10 MΩ-cm;

adding an electrolyte to said water;

20 said electrolyte being selected from the group consisting of hydrochloric
acid, sulfuric acid, nitric acid, phosphoric acid, malic acid, citric acid, and succinic
acid in a concentration of not more than about 100 mM after said electrolysis; and

washing said glass substrate with said anode water.

TOKYO ELECTRON LTD.